MATHEMATICS OF THE USSR – SBORNIK

МАТЕМАТИЧЕСКИЙ СБОРНИК

Tom 76(118) Nos. 1–4, 1968

Volume 5, Numbers 1–4 May–August, 1968 Pages 1–622

INDEX OF AUTHORS

Alekseev, V. M. *Quasirandom dynamical systems. I. Quasirandom differmorphisms* 73

Aranson, S. H. *The absence of nonclosed Poisson-stable semitrajectories and trajectories doubly asymptotic to a double limit cycle for dynamical systems of the first degree of structural instability on orientable two-dimensional manifolds* 205

Artamonov, V. A. *Admissible subgroups of a free product of Γ-operator groups with regular group of operators Γ* 571

Bartik, V. *Aleksandrov-Čech cohomology and mappings into Eilenberg-MacLane polyhedra* 221

Baskakov, V. A. *The order of approximation of differentiable functions by certain positive linear operators* 333

Berezin, F. A. *On a model for quantum field theory* 1

Bulanov, A. P. *Asymptotics for least deviation of $|x|$ from rational functions* 275

Dubinskiĭ, Ju. A. *Periodic solutions of elliptico-parabolic equations* 585

Efimov, N. V. *Differential criteria for homeomorphism of certain mappings with applications to the theory of surfaces* 475

Fateeva, G. M. *Boundary value problems for degenerate quasilinear parabolic equations* 509

Fedorčuk, V. V. *Perfect irreducible mappings and generalized proximities* 489

Fedorova, V. P. *Dual equivalents of hypercompleteness and paracompactness* 533

Fel′dman, N. I. *Estimate for a linear form of logarithms of algebraic numbers* 291

Gindikin, S. G. See Markus, A. S.

Glagoleva, R. Ja. *An apriori estimate for the Hölder norm and the Harnack inequality for the solution of a linear parabolic differential equation of second order with discontinuous coefficients* 159

Gončar, A. A. *On a generalized analytic continuation* 129

Iohvidov, I. S. *On the rank of Toeplitz matrices* 25

Kac, G. I. *Extensions of groups to ring groups* 451

Kac, I. S. *A remark on the article, "The existence of spectral functions of generalized second order differential systems with boundary conditions at a singular end"* 141

Landis, E. M. *s-capacity and its applications to the study of solutions of a second-order elliptic equation with discontinuous coefficients* 177

Levitan, B. M. *Properties of the Green's function for a Sturm-Liouville equation with an operator coefficient* 229

Livšic, A. H. *Direct decompositions with distinguished subobjects in eategories* 379

Lysenko, Ju. A. and Pisarevskiĭ, B. M. *Instability of harmonic capacity and approximations of continuous functions by harmonic functions* 53

Markus, A. S., Volevič, L. R. and Gindikin, S. G. *Letter to the editors* 309

Mutylin, A. F. *Connected, complete, locally bounded fields. Complete not locally bounded fields* 433

Myškin, V. I. *Countable abelian groups of rank* 1 417

Ol'šanskiĭ, A. Ju. *On a problem of Hanna Neumann* 429

Palamodov, V. P. *A remark on exponential representation of solutions of differential equations with constant coefficients* 401

Pisarevskiĭ, B. M. See Lysenko, Ju. A.

Plamenevskiĭ, B. A. *Boundedness of singular integrals in spaces with a weight* 539

Poljakov, V. Z. *On extension of Cartesian products* 559

Sabitov, I. H. *Minimal surfaces with certain boundary conditions* 357

Sahnovič, L. A. *Dissipative Volterra operators* 311

Šemetkov, L. A. *Sylow properties of finite groups* 261

Sidorov, Ju. V. *The Cauchy problem for equations of the first order with respect to time and with two independent variables* 147

Talaljan, A. A. *On systems of functions whose series represent arbitrary measurable functions* 39

Vaserštein, L. N. *The congruence problem for a unitary group of rank* ≥ 2 351

Vil'jams, N. N. *Metadedekind and metahamiltonian groups* 599

Volevič, L. R. See Markus, A. S.